

Making Interoperability Easier

with NASA's Metadata Management Tool (MMT)

Dana Shum¹
dshum@raytheon.com

Mark Reese² | **Dan Pilone**² | **Katie Baynes**³
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Navigation & Search

MMT offers easy and efficient navigation throughout the suite of tools. Perform a quick search or open the advanced search menu for more granular detail.

Progress Indicators

Quickly see your progress on every form. Indicators communicate required vs optional fields and when those fields have been completed or contain invalid metadata. Click on an indicator to open those fields.

Metadata Preview

From the preview pane, see all metadata that has been entered and what fields are to be completed. Click on the edit icon to be taken directly to those fields. This preview is also available from the Common Metadata Repository using the .html response type.

ISO-19115 Metadata Creation

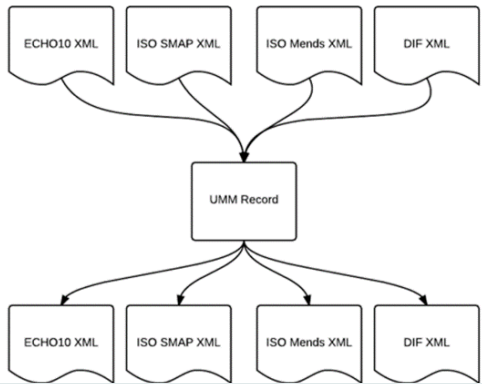
While the ISO-19115 collection level metadata format meets many users' needs for interoperable metadata, it can be cumbersome to create it correctly. Through the MMT's simple UI experience, metadata curators can create and edit collections which are compliant with ISO-19115 without full knowledge of the NASA Best Practices implementation of ISO-19115 format. Users are guided through the metadata creation process through a forms-based editor, complete with field information, validation hints and picklists. Once a record is completed, users can download the metadata in any of the supported formats with just 2 clicks.

How Do We Do That?

Under the covers, the MMT is utilizing NASA's Unified Metadata Model for Collections (UMM-C) which serves as a mapping between a variety of different metadata formats, allowing the MMT to produce a wide variety of compliant metadata formats. The MMT and UMM Conversions are in the process of being open sourced. They will be available on github.com/nasa soon!

Learn More about UMM:

<https://earthdata.nasa.gov/about/science-system-description/eosdis-components/common-metadata-repository/unified-metadata-model-umm>



¹Raytheon | ²Element 84 | ³NASA ESDIS